

**DIVISION OF BUILDING SAFETY
ELECTRICAL BUREAU**

INTRA-DIVISIONAL MEMO

DATE: December 15, 2003

TO: State Electrical Inspectors

FROM: Jeff Fitzloff
Electrical Inspection Program Supervisor

SUBJECT: 2002 NEC Article 680.42(C)

Question: *Can UF Cable (Article 340) be used to feed a Spa/Hot Tub in an outdoor location?*

Article 680.42 Outdoor Installations. States in part, a spa or hot tub shall comply with the provisions of Parts I and II of Article 680, except as permitted in 680.42 (A) and (B). It is very apparent that the wording in 680.42(C) pertains only to the interior (indoor) portion of the wiring, once the wiring leaves the building it must be a raceway system, employing a insulated copper equipment grounding conductor sized in accordance with 250.122 but not smaller than 12AWG. The summary of the change is as follows: Former 680.40 has been amended and relocated to become 680.42 A new 680.42(C) has been added to cover the installation of wiring within a one-family dwelling or building associated with that dwelling that supplies spa or hot tub equipment located outdoors. Therefore the answer to the question is NO.

